

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Kenichiro SUZUKI

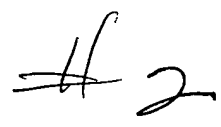
Appln. No. (Divisional of U.S. Serial  
No. 09/075,265, filed May 11, 1998)

Group Art Unit:

Examiner:

Filed:

For: MICROACTUATOR AND METHOD  
OF MANUFACTURING THE SAME

A handwritten signature in black ink, appearing to be "H 2".

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.97 and 1.98**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 which are all the references of record in parent application No. 09/075,265. Applicant is not submitting duplicate copies of these references but requests that they be listed on the face of any patent granted on the above application. (See 1138 TMOG 39, second column, last paragraph, last sentence.)

1. Japanese Patent Application No. 8-23685, published January 23, 1996, with English abstract.
2. Japanese Patent Application No. 7-322648, published December 8, 1995, with English abstract.

3. Long-Sheng Fan, et al., "Magnetic Recording Head Positioning at Very High Track Densities Using a Microactuator-Based, Two-State Servo System," *IEEE Transactions on Industrial Electronics*, Vol. 42, No. 3, June 1995, pp. 222-233.

4. Youngjoo Yee, et al., "Polysilicon Surface Modification Technique to Reduce Sticking of Microstructures," *Transducers '95 - Eurosensors IX*, June 1995, pp. 206-209.

5. A. Benitez, et al., "Bulk silicon microelectromechanical devices fabricated from commercial bonded and etched-back silicon-on-insulator substrates," *Sensors and Actuators A*, 1995, pp. 99-103.

6. Japanese Patent Publication No. 9-163761, published June 20, 1997.

7. Japanese Patent Publication No. 6-245551, published September 2, 1994.

8. Japanese Patent Publication No. 8-23685, published January 23, 1996.

9. Japanese Patent Publication No. 4-340371, published November 26, 1992.

10. Japanese Patent Publication No. 7-308080, published November 21, 1995.

11. Japanese Patent Publication No. 2-230779, published September 13, 1990.

12. U.S. Patent 5,043,043, dated August 27, 1991, to Howe, et al.

13. U.S. Patent 5,072,288, dated December 10, 1991, to MacDonald, et al.

14. U.S. Patent 5,428,259, dated June 27, 1995, to Suzuki.

15. U.S. Patent 5,583,736, dated December 10, 1996, to Anderson, et al.

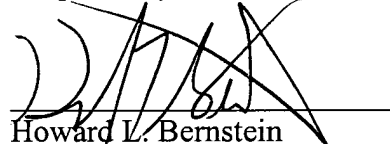
16. U.S. Patent 5,512,374, dated April 30, 1996, to Wallace, et al.

17. U.S. Patent 5,635,640, dated June 3, 1997, to Geen.

18. U.S. Patent 5,784,189, dated July 21, 1998, to Bozler, et al.
19. U.S. Patent 5,812,362, dated September 22, 1998, to Ravi.
20. Japanese Unexamined Patent Application Publication No. H8-180623, dated July 12, 1996.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

  
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